**BLOG MANAGEMENT**

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Purpose:-

A blog application serves as an integral component of a web app, providing several important purposes and benefits. Here are some key purposes of a blog application within a web app:

Content Publishing: The primary purpose of a blog application is to enable users to create, edit, and publish content in the form of blog posts. Users can share their thoughts, expertise, and experiences with a wider audience through written articles, images, and multimedia content.

Information Sharing: Blogs are an effective way to share information on various topics, ranging from personal stories and hobbies to professional insights and industry news. Users can access and consume this information easily on the web app.

User Engagement: Blogs encourage user engagement through comments, likes, and shares. Readers can interact with the content by leaving comments, providing feedback, and sharing posts on social media, fostering a sense of community and dialogue.

Content Discovery: A well-organized blog application makes it easier for users to discover relevant content. Features like categories, tags, and search functionality help users navigate and find articles that interest them.

Requirements:-

|  |  |
| --- | --- |
| Specifications | Particulars |
| OS | **Windows 8 or later** |
| CPU | **Intel Pentium 4 or later** |
| RAM | **4 Gb** |
| Storage | **2 Gb(min),4 Gb recommended** |
| Bandwidth | **bps** |

Software:-

(1.) Framework:

* Django
* Vite
* Rest

(2.) Database

* SQLite (default database in Django)

Components:-

Backend:-

Views:- It is used to get API requests from the vite model commit the change to the database get data from the database and pass it to vite(frontend).

URLs:- It is used to pass API requests it views function

Frontend:-

AddBlogPage:- It is used to add a blog to the page. Users need to enter the blog title, content, and its type on submit it needs admin approval to display to another user.

AdminPage: It is used to get a blog that is not approved from the database which the admin can approve or remove.

BlogView: It is used to display the blog to the user.

HomePage:- It is welcome page for the application.

LoginPage: It is used to log the user in the application. It need username and password to login

RegisterPage: It is used to register user in application.it need username and password to register.

NavPage:- It is used to move around in the application.